

# SMART CORE COURSE CODE LIST FOR GRADUATING CLASS OF 2014 AND AFTER

## ENGLISH - 4 UNITS

### 9th Grade English - One Unit

410000 English 9  
510010 ADE Approved English 9 Honors  
510020 ADE Approved English 9  
510040 ESL English 9  
519910 Concurrent Credit English 9

### 10th Grade English - One Unit

411000 English 10  
511010 ADE Approved English 10 Honors  
511020 ADE Approved English 10  
511030 ESL English 10  
519920 Concurrent Credit English 10

### 11th Grade English - One Unit

412000 English 11  
512010 ADE Approved English 11 Honors  
512020 ADE Approved English 11  
512030 ESL English 11  
517030 AP English Language and Composition  
517040 AP English Literature and Composition  
517100 IB English 11  
519930 Concurrent Credit English 11

### 12th Grade English - One Unit

413000 English 12  
413010 Transitional English 12  
513010 ADE Approved English 12 Honors  
513020 ADE Approved English 12  
513030 ESL English 12  
517030 AP English Language and Composition  
517040 AP English Literature and Composition  
517200 IB English 12  
519940 Concurrent Credit English 12

## ORAL COMMUNICATION - 0.5 UNIT

### Oral Communication - 0.5 Unit

414000 Oral Communication (0.5 credit)  
414010 Oral Communication (1 credit)  
414020 Forensics I  
414050 Debate I  
514010 ADE Approved Oral Communication Honors  
514020 ADE Approved Oral Communication  
514000 Concurrent Credit Oral Communication

## FINE ARTS - 0.5 UNIT

### Fine Arts - 0.5 Unit

Credit chosen from courses coded 450000 - 459999 or 550010 - 559999

## MATHEMATICS - 4 UNITS

(ONE MATH UNIT MUST BE TAKEN AT 11TH OR 12TH GRADE)

### Algebra 1 - One Unit

430000 Algebra I  
530010 ADE Approved Algebra I Honors  
530020 ADE Approved Algebra I  
530030 IB Algebra I  
539910 Concurrent Credit Algebra I

OR BOTH | 430100 First Part Algebra I  
| 430200 Second Part Algebra I

### Geometry - One Unit

431000 Geometry  
531010 ADE Approved Geometry Honors  
531020 ADE Approved Geometry  
531030 IB Geometry  
539920 Concurrent Credit Geometry

OR BOTH | 431100 First Part Geometry  
| 431200 Second Part Geometry

### Algebra 2 - One Unit

432000 Algebra II  
532010 ADE Approved Algebra II Honors  
532020 ADE Approved Algebra II  
532030 IB Algebra II  
539930 Concurrent Credit Algebra II

### Fourth Math - One Unit

433000 Pre Calculus  
434010 Calculus  
439050 Advanced Topics and Modeling in Mathematics  
439070 Algebra III  
439080 Mathematical Applications and Algorithms  
439090 Linear Systems and Statistics  
439110 Transitional Math Ready  
439120 Quantitative Literacy  
533010 ADE Approved Pre Calculus Honors  
533020 ADE Approved Pre Calculus  
533160 IB Pre Calculus/Trig  
534020 ADE Approved Calculus Honors  
534040 AP Calculus AB  
534050 AP Calculus BC  
534060 IB Calculus  
539030 AP Statistics  
539040 IB Trigonometry  
539060 IB Mathematical Studies  
539070 IB Mathematics SL  
539900 Concurrent Credit Beyond Algebra II

## COMPUTER SCIENCE

(optional units for 4th math or 3rd science requirements )

### Computer Science - Optional Flex Unit

Any course starting with 465 or 565

**NATURAL SCIENCE - 3 UNITS****Biology - One Unit**

- 420000 Biology - Integrated
- 520010 ADE Approved Biology Honors
- 520020 ADE Approved Biology
- 520030 AP Biology
- 529030 IB Biology
- 529910 Concurrent Credit Biology

**Two units chosen from the following three options:****Physical Science - Choose one**

- 423000 Physical Science - Integrated
- 523010 ADE Approved Physical Science - Integrated Honors
- 523020 ADE Approved Physical Science - Integrated
- 523100 ESL Physical Science - Integrated
- 529920 Concurrent Credit Physical Science - Integrated

**Chemistry - Choose One**

- 421000 Chemistry - Integrated
- 421010 Chemistry II
- 521010 ADE Approved Chemistry - Integrated Honors
- 521020 ADE Approved Chemistry - Integrated
- 521030 AP Chemistry
- 521040 IB Chemistry
- 529930 Concurrent Credit Chemistry - Integrated

**Physics - Choose One**

- 422000 Physics
- 422010 Physics
- 522010 ADE Approved Physics Honors
- 522020 ADE Approved Physics
- 522080 AP Physics I
- 522090 AP Physics II
- 522040 AP Physics C: Electricity and Magnetism
- 522050 AP Physics C: Mechanics
- 522060 IB Physics
- 529940 Concurrent Credit Physics

**HEALTH AND SAFETY - 0.5 UNIT****Health and Safety - 0.5 Unit**

- 480000 Health and Wellness (0.5 Credit)
- 480950 JROTC Health
- 580010 ADE Approved Health and Safety
- 580900 Concurrent Credit Health and Safety

**PHYSICAL EDUCATION - 0.5 UNIT****Physical Education - 0.5 Unit**

- 485000 Physical Education and Leisure
- 485010 Personal Fitness for Life (0.5 credit)
- 485950 JROTC Physical Education
- 585010 ADE Approved Physical Education
- 585900 Concurrent Credit Physical Education

**SOCIAL STUDIES - 3 UNITS  
(SEE NOTE UNDER ECONOMICS)****Civics - 0.5 Unit**

- 472000 Civics (0.5 credit)
- 472100 Civics (1 credit)
- 572000 ADE Approved Civics (0.5 credit)
- 572020 ADE Approved Civics/Government Honors
- 572030 IB American Government
- 572040 ADE Enhanced AP United States Government & Politics
- 572100 ADE Approved Civics/American Government
- 579930 Concurrent Credit Civics

**World History - One Unit**

- 471000 World History
- 571000 ADE Approved World History
- 571010 ADE Approved World History Honors
- 571020 AP World History
- 579910 Concurrent Credit World History

**American History - One Unit**

- 470000 American History
- 570010 ADE Approved American History Honors
- 570020 AP United States History
- 570030 ADE Approved American History
- 570050 IB History of the Americas
- 579920 Concurrent Credit American History

**ECONOMICS - 0.5 UNIT  
(MAY BE COUNTED TOWARD SOCIAL STUDIES OR CAREER FOCUS)****Economics - 0.5 Unit**

- 474300 Economics (0.5 credit)
- 492280 Economics (0.5 credit)
- 574000 Concurrent Credit Economics with Personal Finance
- 579130 ADE Approved AP Macroeconomics & Personal Finance (0.5 credit)
- 579140 ADE Approved AP Microeconomics & Personal Finance (0.5 credit)

**CAREER FOCUS - 6 UNITS CHOSEN FROM COURSE CODES BEGINNING  
WITH A 4 OR 5**